

# Leader Style 986A

## Rubberbonded Fiber Jointing Sheets

### DESCRIPTION

Style 986A is a compressed EPDM Aramid reinforced Fiber sheet. The combination of aramid fibers and EPDM creates a sheet material that withstands the effect of aggressive acid and alkalies including white, green and black liquor – with a minimum of weight loss. In addition, the EPDM handles steam up to 400F. These characteristics make 986A well suited in the pulp & paper industry. In addition, 986A can be used in such demanding chemicals as caustics, dilute acids, brake fluids, silicone fluids, ketones, and phosphate esters. This sheet gasket also provides high resistance to weathering, oxygen, and ozone, and is compatible with animal and

vegetable oils.

### APPLICATION

Caustics, dilute acids, brake fluids, silicone fluids, ketones, and phosphate esters. This sheet gasket also provides high resistance to weathering, oxygen, ozone, and is compatible with animal and vegetable oils.

### CHEMICAL COMPATIBILITY

See link: [LGT Chemical Compatibility Chart](#)

### DELIVERY OPTIONS

Standard stock sheet sizes are available in 60" x 60", 60" x 120". Standard stock sheet thicknesses available are 1/64", 1/32", 1/16", and 1/8" (special thicknesses are

available upon request)

### TEMPERATURE

Max. Intermittent Temperature Rating: 600 F  
Max. Continuous Temperature Rating: 400 F

### TECHNICAL DATA

max Temperature [°F]	400
Max Temp. Limit [°F]	600
Max Contin. Temp. Limit [F]	400
Min. Temp. [°F]	-75
max Pressure [psi]	1000
density [g/cm3]	1.2
M-Value	2.75
Y- Value [psi]	3700
ASTM F36 Recovery [% min]	50
Gasket required flange roughness [Ra micron]	3,2-6,3
Gasket required flange roughness [RMS]	125-250
Tensile Strength (quer) DIN 52910 [N/mm]	>12
Advice Seating stress at assembly [psi]	4000
Max Pressure Rating [psi]	1000
Max P x T	350000
compressability, [ASTM F36], [%]	7-17%
ASTM F37 Sealability [ml/min] Sg=1000 psi=30	0.05
BS 7531 Gas Leakage [ml/min]	<1.0
ASTM F38 Creep Relaxation [%]	25

### LOCATIONS

850 Sense Road LA PORTE, TX 77571, USA GLOBAL HEADQUARTERS

8622 South Choctaw Drive BATON ROUGE, LA, USA 70815

Pšurnovická cesta 1026, 01401 BYTCA, Republic of Slovakia EUROPE HEADQUARTERS

### PHONE

+1 281 542 0600

+1 225 275 8000

+421 41 553 2686

### FAX

+1 281 542 5552

+1 225 273 9073

+421 41 553 2895

### TECHNICAL DATA

BS 7531 Residual Stress [mpa]	18
ASTM F152 Average Tensile [psi]	2000
ASTM F146 Fuel B @ 70-85 F Thick. Increase [%]	5 - 20
IRM 903 @ 300 oF Thickness Increase [%]	15 - 30
ASTM Fuel B @ 70-85 oF Weight Increase [%]	15 max.
Rubber Binder	EPDM

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